Genes analyzed in the extended CPS-panel in alphabetical order

*A2ML1*
*ABCB11*
*ACD*
*AIP*
*AKT1*
*ALK*
*ANKRD26*
*ANTXR2*
*APC*
*ARID1A*
*ARID5B*
*ASXL1*
*ATM*
*AXIN2*
*BAP1*
*BARD1*
*BLM*
*BMPR1A*
*BRAF*
*BRCA1*
*BRCA2*
*BRIP1*
*BUB1B*
*CBL*
*CD27*
*CD70*
*CDC73*
*CDH1*
*CDK4*
*CDKN1B*
*CDKN1C*
*CDKN2A*
*CEBPA*
*CEBPE*
*CEP57*
*CHEK2*
*COL7A1*
*CREBBP*
*CSF3R*
*CTC1*
*CTLA4*
*CTR9*
*CYLD*
*DDB2*
*DDX41*
*DGCR8*
*DHCR7*
*DICER1*
*DIS3*
*DIS3L2*
*DKC1*
*DNAJC21*
*DOCK8*
*EFL1*
*EGFR*
*EGLN1*
*EGLN2*
*ELANE*
*ELP1*
*EP300*
*EPAS1*
*EPCAM*
*ERCC1*
*ERCC2*
*ERCC3*
*ERCC4*
*ERCC5*
*ERCC6L2*
*EXT1*
*EZH2*
*FAH*
*FANCA*
*FANCB*
*FANCC*
*FANCD2*
*FANCE*
*FANCF*
*FANCG*
*FANCI*
*FANCL*
*FANCM*
*FAS*
*FBXW7*
*FGFR2*
*FGFR3*
*FH*
*FLCN*
*FMR1*
*GATA1*
*GATA2*
*GATA3*
*GBA1*
*GJB2*
*GLI3*
*GNAS*
*GPC3*
*GPC4*
*GPR101*
*GPR161*
*H19*
*HAVCR2*
*HAX1*
*HMBS*
*HRAS*
*IKZF3*
*ITK*
*JAK2*
*KCNQ1*
*KCNQ1OT1*
*KDM1A*
*KIT*
*KLLN*
*KMT2A*
*KRAS*
*L2HGDH*
*LZTR1*
*MAD2L2*
*MAP2K1*
*MAP2K2*
*MAX*
*MBD4*
*MDH2*
*MECOM*
*MEN1*
*MET*
*MITF*
*MLH1*
*MNX1*
*MPL*
*MRAS*
*MRE11*
*MRTFA*
*MSH2*
*MSH6*
*MTAP*
*MUTYH*
*NAF1*
*NBN*
*NF1*
*NF2*
*NFIX*
*NHP2*
*NOP10*
*NPM1*
*NRAS*
*NSD1*
*NTRK1*
*PALB2*
*PARN*
*PDGFRB*
*PHF6*
*PHOX2B*
*PIK3CA*
*PINK1*
*PIP4K2A*
*PMS2*
*POLD1*
*POLE*
*POLH*
*POT1*
*PRKAR1A*
*PRSS1*
*PTCH1*
*PTCH2*
*PTEN*
*PTPN11*
*RAD51*
*RAD51C*
*RAD51D*
*RAF1*
*RB1*
*RBBP6*
*RBM8A*
*RECQL4*
*REST*
*RET*
*RFWD3*
*RHBDF2*
*RIT1*
*RMRP*
*RNF43*
*RPL11*
*RPL15*
*RPL23*
*RPL26*
*RPL27*
*RPL31*
*RPL35*
*RPL35A*
*RPL37*
*RPL5*
*RPS10*
*RPS15*
*RPS17*
*RPS19*
*RPS24*
*RPS26*
*RPS27*
*RPS27A*
*RPS28*
*RPS29*
*RPS7*
*RRAS*
*RRAS2*
*RTEL1*
*SAMD9*
*SAMD9L*
*SBDS*
*SDHA*
*SDHAF2*
*SDHB*
*SDHC*
*SDHD*
*SERPINA1*
*SETBP1*
*SH2B3*
*SH2D1A*
*SHOC2*
*SLC25A13*
*SLX4*
*SMAD4*
*SMARCA2*
*SMARCA4*
*SMARCB1*
*SMARCE1*
*SOS1*
*SOS2*
*SPINK1*
*SPRED1*
*SRP72*
*SRY*
*STAT3*
*STK11*
*STN1*
*SUFU*
*TERC*
*TERT*
*TET2*
*TFAP2A*
*TGFBR1*
*TINF2*
*TMEM127*
*TP63*
*TRIM28*
*TRIM37*
*TRIP13*
*TSC1*
*TSC2*
*TSR2*
*TYK2*
*UBE2T*
*UROD*
*USP2*
*USP45*
*USP8*
*USP9X*
*VHL*
*WAS*
*WRAP53*
*WRN*
*WT1*
*XPA*
*XPC*
*XRCC2*
*XRCC3*